

Converting Colors

CIELCh(63, 61.699, 293.356)

Have a look what the booklet for
CIELCh(63, 61.699, 293.356)
contains.

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Color

CIELCh(63, 61.908, 293.476)

Conversions

Conversions Part 1

Format	Color
Hex	838FFE
RGB	131, 143, 254
RGB Percent	51%, 56%, 100%
CMY	0.4866, 0.4395, 0.0043
CMYK	0.48, 0.44, 0.00, 0.00
HSL	234°, 98%, 75%
HSV	234°, 48%, 100%
XYZ	37.0294, 31.5869, 97.8314
YIQ	152.0660, -42.7830, 31.9770

Conversions

Conversions Part 2

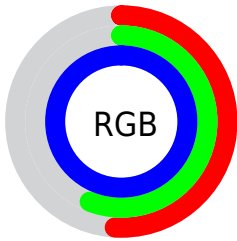
Format	Color
RYB	131, 142, 254
Decimal	8622078
CIELab	63.00, 24.66, -56.78
CIELCh	63, 61.908, 293.476
Yxy	31.5869, 0.2225, 0.1898
Android (android.graphics.Color)	4286812158 (0xFF838FFE)
YUV	152.0660, 50.2535, -18.4749
Hunter-Lab	56.2022, 19.2525, -63.8647

Details

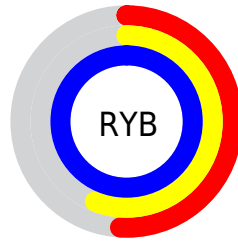
The CIELCh color **63, 61.908, 293.476** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 55.539, 100.715**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.886, 288.716**, and **43, 62.149, 293.575** is the 20% darker color. If you saturate the color by 10%, you get **56, 76.174, 295.809**, and if you desaturate by 10%, it is **70, 48.150, 291.423**.

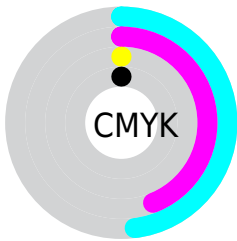
Distribution



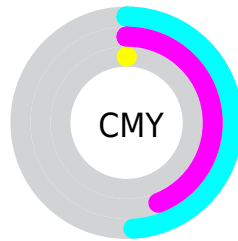
- Red (51%)
- Green (56%)
- Blue (100%)



- Red (51%)
- Yellow (56%)
- Blue (100%)



- Cyan (48%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 61.908, 293.476 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 63, 61.908, 293.476 by changing the saturation by 10% instead.


 63, 61.908,
293.476


 63, 61.908,
293.476


 100, 61.908,
293.476


 53, 61.908,
293.476


 83, 61.908,
293.476

 43, 61.908,
293.476

 93, 61.908,
293.476

 33, 61.908,
293.476

 23, 61.908,
293.476

 13, 61.908,
293.476

 3, 61.908, 293.476

 0, 61.908, 293.476

■ 63, 61.908,
293.476

■ 63, 61.908,
293.476

■ 56, 76.174,
295.809

■ 70, 48.150,
291.423

■ 49, 90.756,
298.351

■ 78, 34.933,
289.653

■ 43, 105.082,
300.941

■ 86, 22.228,
288.145

■ 37, 117.941,
303.300

■ 93, 9.996, 286.867

■ 34, 127.541,
305.091

100, 0.544,
109.995

■ 34, 128.655,
305.289

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63, 61.908, 293.476



94, 55.539, 100.715

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63, 61.908, 293.476



63, 61.908, 343.476



63, 61.908, 113.476



63, 61.908, 163.476

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63, 61.907, 293.477



89, 18.030, 287.681



93, 37.713, 187.276



46, 12.348, 287.962



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 61.907, 293.477



56, 75.801, 295.704



64, 69.754, 308.491



49, 6.768, 286.993



24, 103.034, 305.036



5, 41.024, 300.005

Inverse Universe

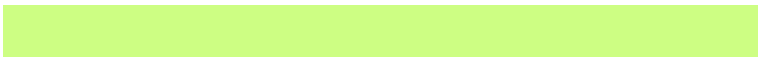
The Inverse Universe completely reimagines the original color for something new.



69, 50.172, 17.751



64, 61.162, 20.135



94, 63.697, 123.077



50, 5.287, 12.072



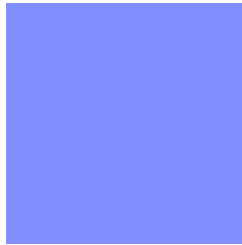
40, 80.090, 36.074



10, 32.618, 23.215

Previews

White Background



This preview shows how the CIELCh color 63, 61.908, 293.476 looks on a white background.

Color Contrast Check

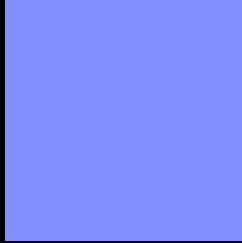
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 61.908, 293.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

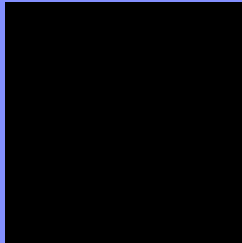
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 61.908, 293.476

Background



This preview shows how black text looks on a background with the CIELCh color 63, 61.908, 293.476.



This preview shows how white text looks on a background with the CIELCh color 63, 61.908, 293.476.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
63, 18.987, 220.716

Trichromacy



Original Color
63, 61.908, 293.476

Protanomaly
63, 60.366, 288.772

Deuteranomaly
63, 58.518, 284.938

Tritanomaly
63, 29.277, 269.579

Monochromacy



Original Color
63, 61.908, 293.476

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.446, 288.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 61.908, 293.476 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 143, 254)` looks like.

```
.text, #text, p{  
    color:rgb(131, 143, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 143, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 143, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 61.908, 293.476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 143, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(131, 143, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(131, 143, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 143, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 143, 254);  
box-shadow:4px 4px 4px 4px rgb(131, 143,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 61.908, 293.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 143, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
143, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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